

Authors, Titles, and Subjects in the *Marine Fisheries Review* 62(1–4)

A

- “Abundance of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, 1994–2000,” by Roderick C. Hobbs, David J. Rugh, and Douglas P. DeMaster, 3:37–45
- Acanthacybium solanderi*—see Wahoo
- “An accounting of the sources of Steller sea lion, *Eumetopias jubatus*, mortality,” by Thomas R. Loughlin and Anne E. York, 4:40–45
- Adams, Charles M.—see Larkin et al.
- Ahrenholz, Dean W.—see Smith and Ahrenholz
- Alaska Marine Mammal Tissue Archival Project, 3:82
- Anchovy, northern
distribution, 4:25–26
fishery, 4:26
management, 4:27
stock status, 4:26–27
- “The ancillary harvest of Atlantic menhaden, *Brevoortia tyrannus*, roe on the North Carolina coast,” by Joseph W. Smith and Dean W. Ahrenholz, 1:1–7
- “Application of suction-cup-attached VHF transmitters to the study of beluga, *Delphinapterus leucas*, surfacing behavior in Cook Inlet, Alaska,” by James A. Lerczak, Kim E. W. Shelden, and Roderick C. Hobbs, 3:99–111
- Atheresthes stomias*—see Flounder, arrowtooth
- Atlantic pelagic longline fleet, 1996
comparison of median net returns by
number of sets, 2:58
swordfish revenues, 2:59
trip type, 2:57
estimated gross revenue, 1996, 2:52
sample trips characteristics by
joint subgroups, 2:56–57
number of sets, 2:55
population, 2:53
quarter, 2:55
region, 2:55
subgroup, 2:54–56
vessel length, 2:54
- Atlantic Tunas Convention Act, 2:49

Ayres, W. O.

Sebastes taxonomy/systematics, 2:1–3

B

- Bahnick, Melissa—see Grace et al.
- Baraff, Lisa S., and Thomas R. Loughlin,
“Trends and potential interactions between pinnipeds and fisheries of New England and the U.S. west coast,” 4:1–39
- Barracuda, great
Biscayne National Park landings, 1:10–25
- Bass, black sea
Middle Atlantic Bight reef habitat, 2:24, 29
- Becker, Paul R., Margaret M. Krahn, Elizabeth A. Mackey, Rabia Demiralp, Michele M. Schantz, Michael S. Epstein, Mary Kate Donais, Barbara J. Porter, Derek C. G. Muir, and Stephen A. Wise, “Concentrations of polychlorinated biphenyls (PCB’s), Chlorinated pesticides, and heavy metals and other elements in tissues of belugas, *Delphinapterus leucas*, from Cook Inlet, Alaska,” 3:81–98
- “Beluga, *Delphinapterus leucas*, distribution and survey effort in the Gulf of Alaska,” by Kristin L. Laidre, Kim E. W. Shelden, David J. Rugh, and Douglas P. DeMaster, 3:27–36
- “Beluga, *Delphinapterus leucas*, group sizes in Cook Inlet, Alaska, based on observer counts and aerial video,” by Roderick C. Hobbs, Janice M. Waite, and David J. Rugh, 3:46–59
- “Beluga, *Delphinapterus leucas*, habitat associations in Cook Inlet, Alaska,” by Sue E. Moore, Kim E. W. Shelden, Laura K. Litzky, Barbara A. Mahoney, and David J. Rugh, 3:60–80
- Belugas, Cook Inlet, Alaska
aerial distribution/abundance surveys, 3:6–21, 37–59
abundance estimates, 3:39–42
coastal surveys, 3:8
correction for missed groups, 3:39
counts, 3:10, 47
group sizes, 3:11–12
observer counts, 3:47
off-shore transects, 3:8
seasonal distribution change, 3:13–17
sighting locations, 3:10–11, 17, 20
study area, 3:7–8
protocol, 3:8, 37–38, 43
tides, 3:8
video, use of, 3:46–59
- at-sea distribution surveys, 3:22–26
area, 3:22
protocols, 3:23
results, 3:23–24
vessels used, 3:23
- calving and nursery areas, 3:138
- commercial whaling, 3:126–127
- contaminants tissue study, 3:81–98
- feeding behavior, 3:137, 139
- habitat associations
aircraft overflights, 3:75
bathymetry, 3:61–62, 63
currents, 3:3:64
earthquakes, 3:65
fires, 3:65
fishing, 3:72–73
human, 3:138
gas/oil activities, 3:73–74
ice cover, 3:65–68
predators, 3:69, 137
prey species/availability, 3:68–69, 70
salinity, 3:62, 64
strandings, 3:69–71
substrate, 3:62
temperature, 3:63
tides, 3:63–64
turbidity, 3:62
vessel traffic, 3:74–75
volcanoes, 3:64–65
water quality, 3:75–78
- harvest
legislation, 3:130–132
monitoring, 3:130–132
- historical sightings, 3:24–25
- natural history, 3:137–139
- sport hunting, 3:127–129
- subsistence
food, 3:82, 96, 129–130
hunting, 3:124–126, 129–130
- surfacing behavior, 3:99–111
- tagging
satellite tagging protocol, 3:112–123
suction-cup-attached VHF transmitters, 3:99–111
- traditional knowledge
abundance, 3:135–136
distribution, 3:135–136
migration, 3:136–137

vessel interaction behavior, 3:25
 Belugas, Gulf of Alaska
 aerial seasonal distribution/abundance surveys
 1970's, 3:28–29
 1980's, 3:30–31
 1990's, 3:31–34
 historical harvest information
 commercial, 3:28
 Native, 3:27–28
 Platforms of Opportunity Program, 3:34
 Biscayne National Park
 recreational fisheries survey
 annual mean landings rates, 1:20, 23
 areas fished, 1:17
 fishing party composition, 1:10
 landings, 1:15, 19
 length measurements, 1:17
 releases, 1:16
 spearfishing, 1:17
 species preferences, 1:10–14

Bohnsack, James A.—see Harper et al.
Brevoortia tyrannus—see Menhaden, Atlantic
 Broadhurst, M. K.—see Hazin et al.
 Bycatch
 Pacific halibut excluder study, 2:61

C

Calamus bajonado—see Porgy, jolthead
Callorhinus ursinus—see Seal, Northern fur
Caranx crysos—see Runner, blue
Carcharhinus falciformis—see Shark, silky
Carcharhinus limbatus—see Shark, blacktip
Carcharhinus obscurus—see Shark, dusky
Carcharhinus plumbeus—see Shark, sandbar
 Catch
 Atlantic menhaden, 1:1
 Atlantic pelagic longline fleet, 2:52
 California sea lions in Mexico, 1:35
 longline in Brazil, 1:27
 recreational in Biscayne National Park, 1:8
Centropristis striata—see Bass, black sea
Clupea pallasii—see Herring, Pacific
Clupea harengus—see Herring, Atlantic
 Cod, Atlantic
 distribution, 4:9
 fishery, 4:9
 management, 4:10
 stock status, 4:10
 “Concentrations of polychlorinated biphenyls (PCB's), Chlorinated pesticides, and heavy metals and other elements in tissues of belugas, *Delphinapterus leucas*, from Cook Inlet, Alaska,” by Paul R.

Becker, Margaret M. Krahn, Elizabeth A.
 Mackey, Rabia Demiralp, Michele M.
 Schantz, Michael S. Epstein, Mary Kate
 Donais, Barbara J. Porter, Derek C. G.
 Muir, and Stephen A. Wise, 3:81–98
 “Cook Inlet belugas, *Delphinapterus leucas*: Status and overview,” by Sue E. Moore and Douglas P. DeMaster, 3:1–5
Coryphaena hippurus—see Dolphin
 Cunner
 Middle Atlantic Bight reef habitat, 2:33, 35
 Cuvier, G., 2:1
Cystophora cristata—see Seal, hooded

D–E–F

Delphinapterus leucas—see Belugas
 DeMaster, Douglas P.—see Hobbs et al.; Laidre et al.; Moore and DeMaster
 Demiralp, Rabia —see Becker et al.
 “Development of beluga, *Delphinapterus leucas*, capture and satellite tagging protocol in Cook Inlet, Alaska,” by Richard C. Ferrero, Sue E. Moore, and Roderick C. Hobbs, 3:112–123
 “Distribution of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, during June/July 1993–2000,” by David J. Rugh, Kim E. W. Shelden, and Barbara A. Mahoney, 3:6–21
 Dolphin
 Biscayne National Park landings, 1:10–25
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49
 Donais, Mary Kate —see Becker et al.
 Economics
 Atlantic menhaden roe, 1:4
 longline technology in Brazil, 1:27
 U.S. Atlantic pelagic longline vessels, 2:49
 “Effectiveness of a rigid grate for excluding Pacific halibut, *Hippoglossus stenolepis*, from groundfish trawl catches,” by Craig S. Rose and John R. Gauvin, 2:61–66
Engraulis mordax—see Anchovy, northern
Epinephelus morio—see Grouper, red
 Epstein, Michael S.—see Becker et al.
Eumetopias jubatus—see Sea lion, Steller
 Ferrero, Richard C., Sue E. Moore, and Roderick C. Hobbs, “Development of beluga, *Delphinapterus leucas*, capture and satellite tagging protocol in Cook Inlet, Alaska,” 3:124–133
 Fisheries history

belugas
 harvests, 3:27–28, 124–125
 California sea lion
 exploitation in Mexico, 1:35
 Linnaeus
Sebastes publications, 2:1
Sebastes
 Cuvier, G., 2:1
 taxonomy and systematics review, 2:1
 Fisheries management
 beluga whales, 3:1–140
 commercial fisheries and pinnipeds interactions, 4:1–39
 economics
 U.S. Atlantic pelagic longline vessels, 2:49
 Middle Atlantic Bight reefs, 2:24
 Navassa Island, 2:43
 Pacific halibut bycatch, 2:61
 recreational creel survey, 1:8
 Steller sea lion mortality, 4:40–45
 Fisheries, commercial
 Alaska groundfish trawl fisheries, 2:61
 Atlantic menhaden, 1:1
 whaling, 3:28, 126–127
 California sea lions in Mexico, 1:35
 longline technology in Brazil, 1:27
 pinniped population interactions, 4:1–39
 biological, 4:1, 2
 operational, 4:1
 U.S. Atlantic pelagic longline
 economic analyses, 2:49
 Fisheries, recreational
 creel surveys, 1976–91
 Biscayne National Park, Florida, 1:8
 whale sport hunting, 3:127–129
 Flounder, arrowtooth
 halibut excluder study
 results, 2:61
 retention rates, 2:63–65

G–H

Gadus morhua—see Cod, Atlantic
 Gauvin, John R.—see Rose and Gauvin
 Gear
 longline in Brazil, 1:27
 Navassa Island survey, 2:45
 trawl, rigid grate halibut excluder
 design, 2:61–62
 results, 2:63
 study method, 2:62
 Gill, T. N.
Sebastes taxonomy and systematics, 2:1–4
Glyptocephalus zachirus—see Sole, rex
 Grace, Mark, Melissa Bahnick, and Lisa

- Jones, "A preliminary study of the marine biota at Navassa Island, Caribbean Sea," 2:43–48
- Grouper, red
Biscayne National Park landings, 1:10–25
- Grunt, bluestriped
Biscayne National Park landings, 1:10–25
- Grunt, white
Biscayne National Park landings, 1:10–25
- Habitat
Cook Inlet, Alaska belugas, 3:60–80
Middle Atlantic Bight reefs, 2:24–42
Navassa Island, 2:43
- Haemulon plumieri*—see Grunt, white
- Haemulon sciurus*—see Grunt, bluestriped
- Hake, silver
distribution, 4:10–11
fishery, 4:11
management, 4:12
stock status, 4:11–12
- Halibut, Pacific
bycatch excluder study
design, 2:61
methods, 2:61–63
retention rates, 2:63–65
- Halichoerus grypus*—see Seal, gray
- Harper, Douglas E., James A. Bohnsack, and Brian R. Lockwood, "Recreational fisheries in Biscayne National Park, Florida, 1976–1991," 1:8–26
- "Harvest history of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska," by Barbara A. Mahoney and Kim E. W. Shelden, 3:124–133
- Hazin, F. H. V., M. K. Broadhurst, and H. G. Hazin, "Preliminary analysis of the feasibility of transferring new longline technology to small artisanal vessels off north-eastern Brazil," 1:27–34
- Hazin, H. G.—see Hazin, F. H. V., et al.
- Herring, Atlantic
distribution, 4:12
fishery, 4:12–13
management, 4:13–14
stock status, 4:13
- Herring, Pacific
distribution, 4:27
fishery, 4:27–28
management, 4:29–30
stock status, 4:28–29
- Hippoglossoides elassodon*—see Sole, flat-head
- Hippoglossus stenolepis*—see Halibut, Pacific
- Historic and current use of lower Cook Inlet, Alaska, by belugas, *Delphinapterus leucas*," by Suzann G. Speckman and John F. Piatt, 3:22–26
- "Historical exploitation of the California sea lion, *Zalophus californianus*, in Mexico," by Alfredo Zavala-Gonzalez and Eric Mellink, 1:35–40
- "An historical review of *Sebastes* taxonomy and systematics," by Arthur W. Kendall, Jr., 2:1–23
- History—see Fisheries history
- Hobbs, Roderick C., David J. Rugh, and Douglas P. DeMaster, "Abundance of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, 1994–2000," 3:37–45
- Hobbs, Roderick C., Janice M. Waite, and David J. Rugh, "Beluga, *Delphinapterus leucas*, group sizes in Cook Inlet, Alaska, based on observer counts and aerial video," 3:46–59
- Hobbs, Roderick C.—see Ferrero et al.; Lerczak et al.
- Hogfish
Biscayne National Park landings, 1:10–25
- Homarus americanus*—see Lobster, American
- Hozukius*, 2:1
- Huntington, Henry P., "Traditional knowledge of the ecology of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska," 3:134–140

J–K–L

- Jones, Lisa—see Grace et al.
- Katsuwonus pelamis*—see Tuna, skipjack
- Kendall, Jr., Arthur W., "An historical review of *Sebastes* taxonomy and systematics," 2:1–23
- Krahn, Margaret M.—see Becker et al.
- Lachnolaimus maximus*—see Hogfish
- Laidre, Kristin L., Kim E. W. Shelden, David J. Rugh, and Douglas P. DeMaster, "Beluga, *Delphinapterus leucas*, distribution and survey effort in the Gulf of Alaska," 3:27–36
- Larkin, Sherry L., Charles M. Adams, and Donna J. Lee, "Reported trip costs, gross revenues, and net returns for U.S. Atlantic pelagic longline vessels," 2:49–60
- Lee, Donna J.—see Larkin et al.
- Lerczak, James A., Kim E. W. Shelden, and Roderick C. Hobbs, "Application of suction-cup-attached VHF transmitters to the study of beluga, *Delphinapterus leucas*, surfacing behavior in Cook Inlet, Alaska," 3:99–111
- Linnaeus
Sebastes publications, 2:1
- Litzky, Laura K.—see Moore et al.
- Lobster, American
Middle Atlantic Bight reef habitat, 2:24, 34
- Lobster, Caribbean spiny
Biscayne National Park landings, 1:10–25
- Lockwood, Brian R.—see Harper et al.
- Loligo opalescens*—see Squid, market
- Longline fleet, Atlantic pelagic, 2:52–59
- Loughlin, Thomas R.—see Baraff and Loughlin
- Loughlin, Thomas R., and Anne E. York, "An accounting of the sources of Stellar sea lion, *Eumetopias jubatus*, mortality," 4:40–45
- Lutjanus apalis*—see Snapper, mutton
- Lutjanus griseus*—see Snapper, gray

M

- Mackey, Elizabeth A.—see Becker et al.
- Magnuson-Stevens Fishery Conservation and Management Act, 2:49
- Mahoney, Barbara A.—see Moore et al.; Rugh et al.
- Mahoney, Barbara A., and Kim E. W. Shelden, "Harvest history of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska," 3:124–133
- Marine Mammal Tissue Archival Project, Alaska, 3:82
- Matsubara, K.
Sebastes taxonomy and systematics, 2:1–3
- Mellink, Eric—see Zavala-Gonzalez and Mellink
- Menhaden, Atlantic
roe
biological characteristics, 1:2–3
disposition, 1:3–4
economics, 1:4
extraction techniques, 1:3–4
foreign market, 1:6
forerunner, 1:2
mammy shad, 1:3
season, 1:2
- Merluccius bilinearis*—see Hake, silver
- Merluccius productus*—see Whiting, Pacific
- Microstomas pacificus*—see Sole, Dover
- Middle Atlantic Bight
reef habitats

artificial, 2:30
 characteristics, 2:24, 25
 coastal, 2:33–36
 estuarine communities, 2:30–33
 fishery resources, 2:28–30
 fishery species list, 2:32
 human threats, 2:38
 man-made, 2:27–28, 29
 management tools, 2:38–39
 natural, 2:25–27, 29
 non-biogenic, 2:31
 obstructions, 2:29
 research needs, 2:39–40
 rocks, 2:27
 shelf, 2:36–37
 shipwrecks, 2:28

Mirounga angustirostris—see Seal, Northern elephant

Moore, Sue E., and Douglas P. DeMaster, “Cook Inlet belugas, *Delphinapterus leucas*: Status and overview,” 3:1–5

Moore, Sue E., Kim E. W. Shelden, Laura K. Litzky, Barbara A. Mahoney, and David J. Rugh, “Beluga, *Delphinapterus leucas*, habitat associations in Cook Inlet, Alaska,” 3:60–80

Moore, Sue E.—see Ferrero et al.

Mugil cephalus—see Mullet, striped

Muir, Derek C. G.—see Becker et al.

Mullet, striped
 roe, 1:5

Mussel, blue
 Middle Atlantic Bight reef habitat, 2:26, 30, 35

Mytilus edulis—see Mussel, blue

N–O

Navassa Island survey
 benthic invertebrates, 2:48
 bird observations, 2:46
 fish, 2:47
 marine plants, 2:48
 history, 2:43
 topography, 2:43
 underwater video survey, 2:45

Ocyurus chrysurus—see Snapper, yellowtail

Oilfish
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49

Oyster reefs
 Middle Atlantic Bight, 2:30

P

Pagophilus groenlandicus—see Seal, harp

Panulirus argus—see Lobster, Caribbean

spiny
Perca marina, 2:1
Perca norvegica, 2:1
Perca scriba, 2:1
Phoca vitulina concolor—see Seal, harbor (North Atlantic)
Phoca vitulina richardii—see Seal, harbor (Pacific)
 Piatt, John F.—see Speckman and Piatt

Pinnipeds
 commercial fisheries population impacts
 New England, 4:3–14, 31–33
 Pacific Coast, 4:14–31, 33–34

Platforms of Opportunity Program, 3:24

Pollock, Alaska
 roe, 1:6

Pollution
 Cook Inlet belugas
 chlorinated pesticides, 3:81
 habitat contaminants, 3:75–77
 heavy metals, 3:81
 military bases, 3:75
 polychlorinated biphenyls, 3:81
 potential effects, 3:77–78
 sewage, 3:75

Middle Atlantic Bight
 reef habitats, 2:38

Porgy, jolthead
 Biscayne National Park landings, 1:10–25

Porter, Barbara J.—see Becker et al.

“Preliminary analysis of the feasibility of transferring new longline technology to small artisanal vessels off northeastern Brazil,” by F. H. V. Hazin, M. K. Broadhurst, and H. G. Hazin, 1:27–34

“A preliminary study of the marine biota at Navassa Island, Caribbean Sea,” by Mark Grace, Melissa Bahnick, and Lisa Jones, 2:43–48

R–S

“Recreational fisheries in Biscayne National Park, Florida, 1976–1991,” by Douglas E. Harper, James A. Bohnsack, and Brian R. Lockwood, 1:8–26

“Reef habitats in the Middle Atlantic Bight: Abundance, distribution, associated biological communities, and fishery resource use,” by Frank W. Steimle and Christine Zetlin, 2:24–42

“Reported trip costs, gross revenues, and net returns for U.S. Atlantic pelagic longline vessels,” by Sherry L. Larkin, Charles M. Adams, and Donna J. Lee, 2:49–60

Rockfish—see *Sebastes*

Roe
 Alaska pollock, 1:6
 Atlantic menhaden, 1:1
 biological characteristics, 1:2–3
 disposition, 1:3–4
 economics, 1:4
 extraction techniques, 1:3–4
 foreign market, 1:6
 forerunner, 1:2
 mammy shad, 1:3
 season, 1:2
 striped mullet, 1:5

Rose, Craig S., and John R. Gauvin, “Effectiveness of a rigid grate for excluding Pacific halibut, *Hippoglossus stenolepis*, from groundfish trawl catches,” 2:61–66

Rugh, David J., Kim E. W. Shelden, and Barbara A. Mahoney, “Distribution of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, during June/July 1993–2000,” 3:6–21

Rugh, David J.—see Hobbs et al.; Laidre et al.; Moore et al.

Runner, blue
 Biscayne National Park landings, 1:10–25

Ruvettus pretiosus—see Oilfish

Sardine, Pacific
 distribution, 4:30
 fishery, 4:30–31
 management, 4:31
 stock status, 4:31

Sardinops sagax—see Sardine, Pacific

Schantz, Michele M.—see Becker et al.

Sea lion, California
 abundance, 4:15
 commercial fishery-related mortality, 4:15–16
 distribution, 4:14
 food habits, 4:16
 historical exploitation in Mexico
 colonial, 1:35–36
 independent, 1:36–38
 modern hunts, 1:39–40
 postrevolutionary, 1:38–39
 prehispanic, 1:35
 population trends, 4:15
 prey, 4:16

Sea lion, Steller
 abundance, 4:17
 commercial fishery-related mortality, 4:2, 18
 distribution, 4:16
 food habits, 4:18
 mortality sources, 4:40–45
 population trends, 4:16–18

- prey, 4:18
 - Seal, gray
 - abundance, 4:6–7
 - commercial fishery-related mortality, 4:8
 - distribution, 4:6–7
 - food habits, 4:8
 - population trends, 4:7–8
 - prey, 4:8
 - Seal, harbor (North Atlantic)
 - abundance, 4:4
 - commercial fishery-related mortality, 4:5
 - distribution, 4:4
 - food habits, 4:5
 - population trends, 4:4–5
 - prey, 4:5–6
 - Seal, harbor (Pacific)
 - abundance, 4:19, 20
 - commercial fishery-related mortality, 4:19, 20
 - distribution, 4:19, 20
 - food habits, 4:20–21
 - population trends, 4:19
 - prey, 4:21
 - Seal, harp, 4:3
 - population impact by commercial fisheries, 4:2
 - Seal, hooded, 4:3
 - Seal, Northern elephant, 4:14
 - Seal, Northern fur, 4:14
 - Sebastes* historical review
 - ichthyological disagreements, 2:1, 3
 - original definitions
 - Hozukius, 2:17–19
 - Sebastes* and subgenera, 2:17–19
 - Sebasticus, 2:17–19
 - subgenera proliferation, 2:1
 - taxonomy and systematics
 - 1861–1898, 2:1
 - 1863–1900, 2:1–4
 - challenges, 2:11–14
 - cladistic analysis, 2:13
 - early 1900's, 2:4–5
 - early life history, 2:13, 14
 - genetics, 2:8, 9, 10
 - morphological characteristics, 2:13
 - nomenclature chronology, 2:2
 - nomenclature summary, 2:20–23
 - present views, 2:11
 - relationships among species, 2:10
 - the 1970's, 2:5–8
 - the late 1900's, 2:8–10
 - Sebastes aleutianus*, 2:1
 - Sebastes ciliatus*, 2:1
 - Sebastes norvegicus*, 2:1
 - Sebastes marinus*, 2:1
 - Sebastes paucispinis*, 2:1
 - Sebastichthys*, 2:3
 - Sebastodes*, 2:3
 - Sebastomus*, 2:3
 - Sebastosomus*, 2:3
 - Serranus scriba*, 2:1
 - Shark, blacktip
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
 - Shark, dusky
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
 - Shark, hammerhead
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
 - Shark, sandbar
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
 - Shark, silky
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
 - Shelden, Kim E. W.—see Mahoney and Shelden; Moore et al.; Lerczak et al.; Laidre et al.; Rugh et al.
 - Smith, Joseph W., and Dean W. Ahrenholz, “The ancillary harvest of Atlantic menhaden, *Brevoortia tyrannus*, roe on the North Carolina Coast,” 1:1–7
 - Snapper, gray
 - Biscayne National Park landings, 1:10–25
 - Snapper, mutton
 - Biscayne National Park landings, 1:10–25
 - Snapper, yellowtail
 - Biscayne National Park landings, 1:10–25
 - Sole, Dover
 - halibut excluder study
 - results, 2:61
 - retention rates, 2:63–65
 - Sole, flathead
 - halibut excluder study
 - results, 2:61
 - retention rates, 2:63–65
 - Sole, rex
 - halibut excluder study
 - results, 2:61
 - retention rates, 2:63–65
 - Speckman, Suzann G., and John F. Piatt, “Historic and current use of lower Cook Inlet, Alaska, by belugas, *Delphinapterus leucas*,” 3:22–26
 - Sphyrna* *lewini*—see Shark, hammerheads
 - Sphyrna mokarran*—see Shark, hammerheads
 - Sphyrna zygaena*—see Shark, hammerheads
 - Squid, market
 - distribution, 4:23–24
 - fishery, 4:24
 - management, 4:25
 - stock status, 4:24–25
 - Steimle, Frank W., and Christine Zetlin, “Reef habitats in the Middle Atlantic Bight: Abundance, distribution, associated biological communities, and fishery resource use,” 2:24–42
 - Surveys
 - beluga distribution/abundance in Cook Inlet
 - aerial observer, 3:6–21, 37–59
 - aerial video, 3:46–59
 - at-sea, 3:22–26
 - beluga satellite tagging protocol, 3:112–123
 - beluga surfacing behavior in Cook Inlet, 3:99–111
 - belugas in the Gulf of Alaska, 3:27–36
 - Biscayne National Park
 - recreational fisheries, 1:8
 - economic
 - U.S. Atlantic pelagic longline, 2:49
 - Navassa Island
 - underwater video, 2:43
 - Sustainable Fisheries Act, 2:49
 - Swordfish
 - U.S. Atlantic pelagic longline fleet
 - estimated gross revenue, 1996, 2:52
 - harvests, 2:49
- T–V**
- Tagging
 - Cook Inlet belugas
 - suction-cup-attached VHF transmitters, 3: 99–111
 - satellite tagging protocol, 3:112–123
 - Tautog
 - Middle Atlantic Bight reef habitat, 2:24, 33
 - Tautoga onitis*—see Tautog
 - Tautogolabrus adspersus*—see Cunner
 - Theragra chalcogramma*—see Pollock, Alaska
 - Thunnus alalunga*—see Tuna, albacore
 - Thunnus albacares*—see Tuna, yellowfin
 - Thunnus atlanticus*—see Tuna, blackfin
 - Thunnus obesus*—see Tuna, bigeye
 - “Traditional knowledge of the ecology of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska,” by Henry P. Huntington,

3:134–140
 “Trends and potential interactions between pinnipeds and fisheries of New England and the U.S. west coast,” by Lisa S. Baraff and Thomas R. Loughlin, 4:1–39
 Tuna, albacore
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49
 Tuna, bigeye
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49
 Tuna, blackfin
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49
 Tuna, skipjack

U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49
 Tuna, yellowfin
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52
 harvests, 2:49

V–W

Vessels
 artisanal vs. leased longliners in Brazil, 1:27
 beluga interactions in Cook Inlet, Alaska, 3:25, 74–75
 NOAA Ship *Oregon* II, 2:46
 U.S. Atlantic pelagic longline, 2:49
 Wahoo
 U.S. Atlantic pelagic longline fleet
 estimated gross revenue, 1996, 2:52

Waite, Janice M.—see Hobbs et al.
 Whiting, Atlantic—see Hake, silver
 Whiting, Pacific
 distribution, 4:21–22
 fishery, 4:22
 management, 4:22–23
 stock status, 4:22
 Wise, Stephen A.—see Becker et al.

X–Y–Z

Xiphias gladius—see Swordfish
 York, Anne E.—see Loughlin and York
Zalophus californianus—see Sea lion, California
 Zavala-Gonzalez, Alfredo, and Eric Mellink, “Historical exploitation of the California sea lion, *Zalophus californianus*, in Mexico,” 1:35–40
 Zetlin, Christine—see Steimle and Zetlin

Papers in the *Marine Fisheries Review* 62(1–4)

62(1)

- “The ancillary harvest of Atlantic menhaden, *Brevoortia tyrannus*, roe on the North Carolina Coast,” by Joseph W. Smith and Dean W. Ahrenholz, 1:1–7
- “Recreational fisheries in Biscayne National Park, Florida, 1976–1991,” by Douglas E. Harper, James A. Bohnsack, and Brian R. Lockwood, 1:8–26
- “Preliminary analysis of the feasibility of transferring new longline technology to small artisanal vessels off northeastern Brazil,” by F. H. V. Hazin, M. K. Broadhurst, and H. G. Hazin, 1:27–34
- “Historical exploitation of the California sea lion, *Zalophus californianus*, in Mexico, by Alfredo Zavala-Gonzalez and Eric Mellink, 1:35–40

62(2)

- “An historical review of *Sebastes* taxonomy and systematics,” by Arthur W. Kendall, Jr., 2:1–23
- “Reef habitats in the Middle Atlantic Bight: Abundance, distribution, associated biological communities, and fishery resource use,” by Frank W. Steimle and Christine Zetlin, 2:24–42
- “A preliminary study of the marine biota at Navassa Island, Caribbean Sea,” by Mark Grace, Melissa Bahnick, and Lisa Jones, 2:43–48
- “Reported trip costs, gross revenues, and net returns for U.S. Atlantic pelagic longline

vessels,” by Sherry L. Larkin, Charles M. Adams, and Donna J. Lee, 2:49–60

- “Effectiveness of a rigid grate for excluding Pacific halibut, *Hippoglossus stenolepis*, from groundfish trawl catches,” by Craig S. Rose and John R. Gauvin, 2:61–66

62(3)

- “Cook Inlet belugas, *Delphinapterus leucas*: Status and overview,” by Sue E. Moore and Douglas P. DeMaster, 3:1–5
- “Distribution of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, during June/July 1993–2000,” by David J. Rugh, Kim E. W. Shelden, and Barbara A. Mahoney, 3:6–21
- “Historic and current use of lower Cook Inlet, Alaska, by belugas, *Delphinapterus leucas*,” by Suzann G. Speckman and John F. Piatt, 3:22–26
- “Beluga, *Delphinapterus leucas*, distribution and survey effort in the Gulf of Alaska,” by Kristin L. Laidre, Kim E. W. Shelden, David J. Rugh, and Douglas P. DeMaster, 3:27–36
- “Abundance of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska, 1994–2000,” by Roderick C. Hobbs, David J. Rugh, and Douglas P. DeMaster, 3:37–45
- “Beluga, *Delphinapterus leucas*, group sizes in Cook Inlet, Alaska, based on observer counts and aerial video,” by Roderick C. Hobbs, Janice M. Waite, and David J. Rugh, 3:46–59
- “Beluga, *Delphinapterus leucas*, habitat as-

sociations in Cook Inlet, Alaska,” by Sue E. Moore, Kim E. W. Shelden, Laura K. Litzky, Barbara A. Mahoney, and David J. Rugh, 3:60–80

- “Concentrations of polychlorinated biphenyls (PCB’s), Chlorinated pesticides, and heavy metals and other elements in tissues of belugas, *Delphinapterus leucas*, from Cook Inlet, Alaska,” by Paul R. Becker, Margaret M. Krahn, Elizabeth A. Mackey, Rabia Demiralp, Michele M. Schantz, Michael S. Epstein, Mary Kate Donais, Barbara J. Porter, Derek C. G. Muir, and Stephen A. Wise, 3:81–98

- “Application of suction-cup-attached VHF transmitters to the study of beluga, *Delphinapterus leucas*, surfacing behavior in Cook Inlet, Alaska,” by James A. Lerczak, Kim E. W. Shelden, and Roderick C. Hobbs, 3:99–111

- “Development of beluga, *Delphinapterus leucas*, capture and satellite tagging protocol in Cook Inlet, Alaska,” by Richard C. Ferrero, Sue E. Moore, and Roderick C. Hobbs, 3:112–123

- “Harvest history of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska,” by Barbara A. Mahoney and Kim E. W. Shelden, 3:124–133

- “Traditional knowledge of the ecology of belugas, *Delphinapterus leucas*, in Cook Inlet, Alaska,” by Henry P. Huntington, 3:134–140

62(4)

- “Trends and potential interactions between pinnipeds and fisheries of New England and the U.S. west coast,” by Lisa S. Baraff and Thomas R. Loughlin, 4:1–39

- “An accounting of the sources of Steller sea lion, *Eumetopias jubatus*, mortality,” by Thomas R. Loughlin and Anne E. York, 4:40–45